# Tyto alba (Barn Owl)

Report Date: January 13, 2016

# **Priority 3 Species of Greatest Conservation Need (SGCN)**

Class: Aves (Birds)

Order: Strigiformes (Owls)
Family: Tytonidae (Barn Owls)

#### **General comments:**

Regional concerns. Breeding season residency in 2006.

# **Species Conservation Range Maps for Barn Owl:**

Town Map: <u>Tyto alba\_Towns.pdf</u> Subwatershed Map: <u>Tyto alba\_HUC12.pdf</u>

## **SGCN Priority Ranking - Designation Criteria:**

**Risk of Extirpation: NA** 

**State Special Concern or NMFS Species of Concern:** 

Tyto alba is listed as a species of Special Concern in Maine.

**Recent Significant Declines: NA** 

Regional Endemic: NA

High Regional Conservation Priority: NA High Climate Change Vulnerability: NA

**Understudied rare taxa: NA** 

Historical: NA

**Culturally Significant: NA** 

## **Habitats Assigned to Barn Owl:**

### Formation Name Agricultural

Macrogroup Name Agricultural
Habitat System Name: Cultivated Crops
Habitat System Name: Pasture-Hay

#### Formation Name Coastal Scrub-Herb

Macrogroup Name Coastal Grassland & Shrubland

Habitat System Name: Northern Atlantic Coastal Plain Dune and Maritime Grassland

Habitat System Name: Northern Atlantic Coastal Plain Sandy Beach

### Formation Name Developed

Macrogroup Name Urban-Suburban Built
Habitat System Name: Residential - Low Intensity
Habitat System Name: Residential - Rural-Sparse

#### Formation Name Freshwater Marsh

Macrogroup Name Coastal Plain Pond

Habitat System Name: Northern Atlantic Coastal Plain Pond

## Formation Name Grassland & Shrubland

Macrogroup Name Ruderal Shrubland & Grassland
Habitat System Name: Ruderal Upland - Old Field

#### **Stressors Assigned to Barn Owl:**

No Stressors Currently Assigned to Barn Owl or other Priority 3 SGCN.

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# **Species Level Conservation Actions Assigned to Barn Owl:**

No Species Specific Conservation Actions Currently Assigned to Barn Owl or other Priority 3 SGCN.

## **Conservation Actions Associated with the Grassland Guild:**

**Conservation Action** Category: Public Outreach Biological Priority: high Type: new

Develop a program to inform small landowners of the best methods for keeping fields open for grassland wildlife

Stressor(s) Addressed By This Conservation Action

Livestock Farming and Ranching

Conservation Action Category: Species Management Biological Priority: high Type: new

Develop a BMP guide for farmers to minimize negative effects of cutting hay/silage during the grassland bird nesting season. NRCS recommendations should be viewed as a start with increased emphasis on timing, field size, and bird behavioral cues.

## Stressor(s) Addressed By This Conservation Action

Livestock Farming and Ranching

# **Broad Taxonomic Group Conservation Actions:**

Additional relevant conservation actions for this species are assigned within broader taxonomic groups in Maine's 2015 Wildlife Action Plan: Element 4, Table 4-1.

#### **Habitat Based Conservation Actions:**

Additional conservation actions that may benefit habitat(s) associated with this species can be found in Maine's 2015 Wildlife Action Plan: Element 4, Table 4-15. Click on the Habitat Grouping of interest to launch a habitat based report summarizing relevant conservation actions and associated SGCN.

The Wildlife Action Plan was developed through a lengthy participatory process with state agencies, targeted conservation partners, and the general public. The Plan is non-regulatory. The species, stressors, and voluntary conservation actions identified in the Plan complement, but do not replace, existing work programs and priorities by state agencies and partners.